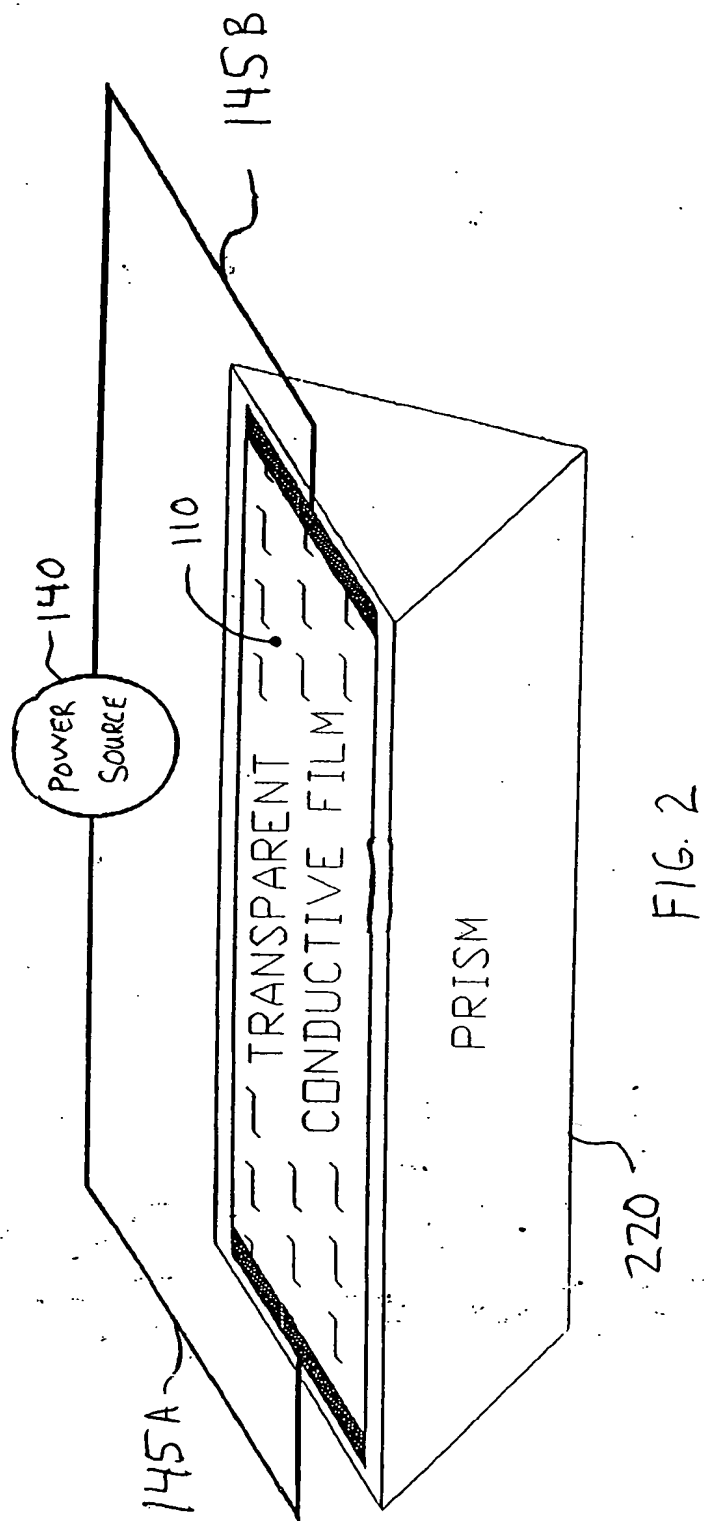


FIG. 1



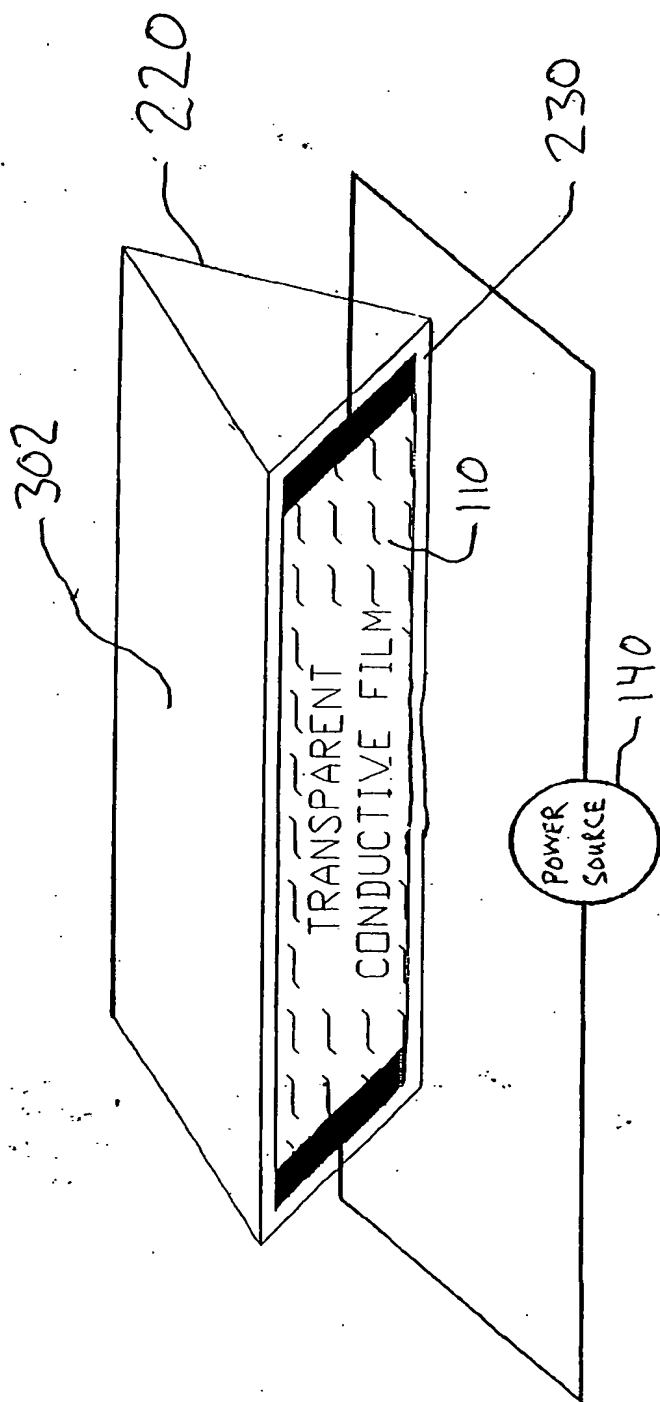
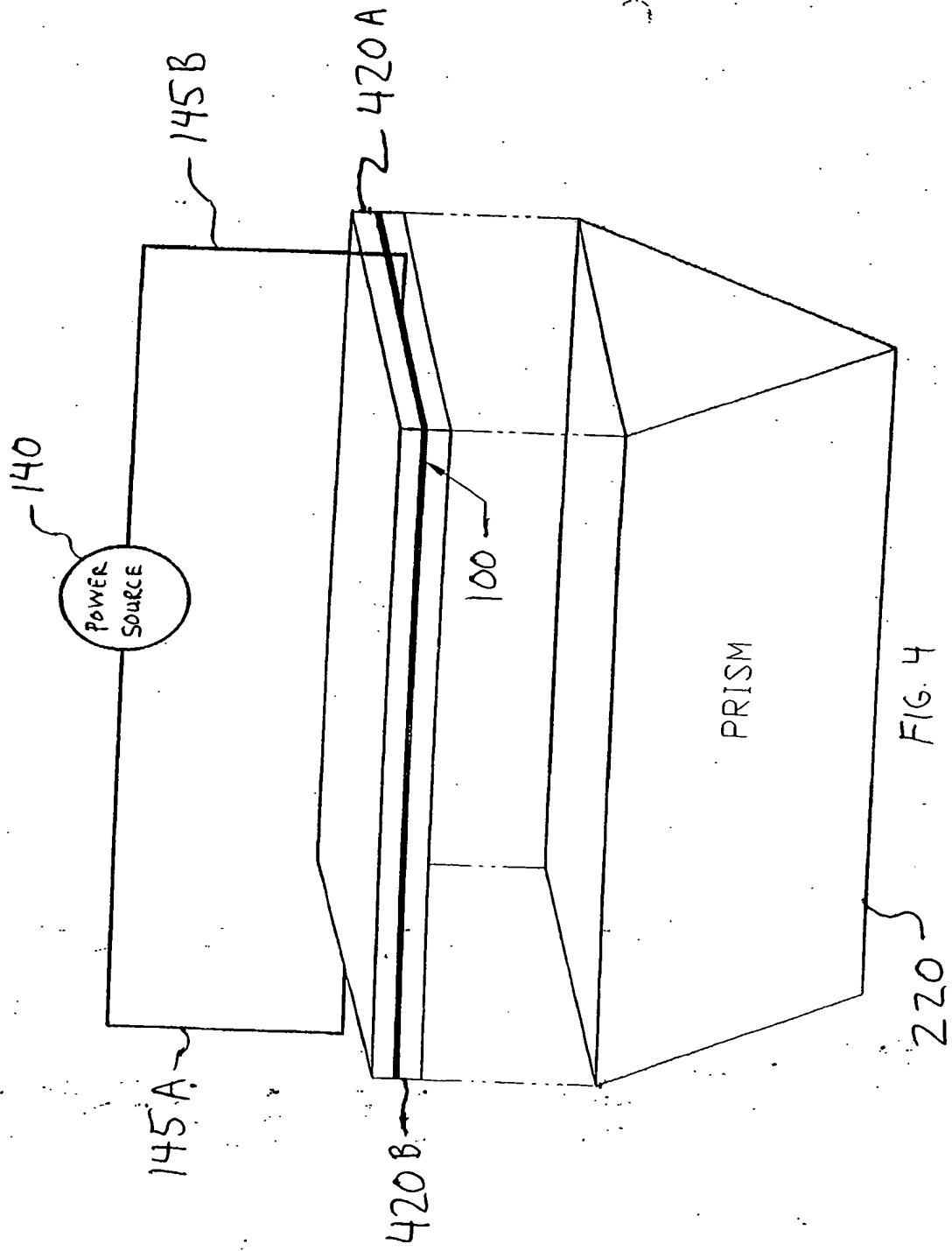


FIG. 3



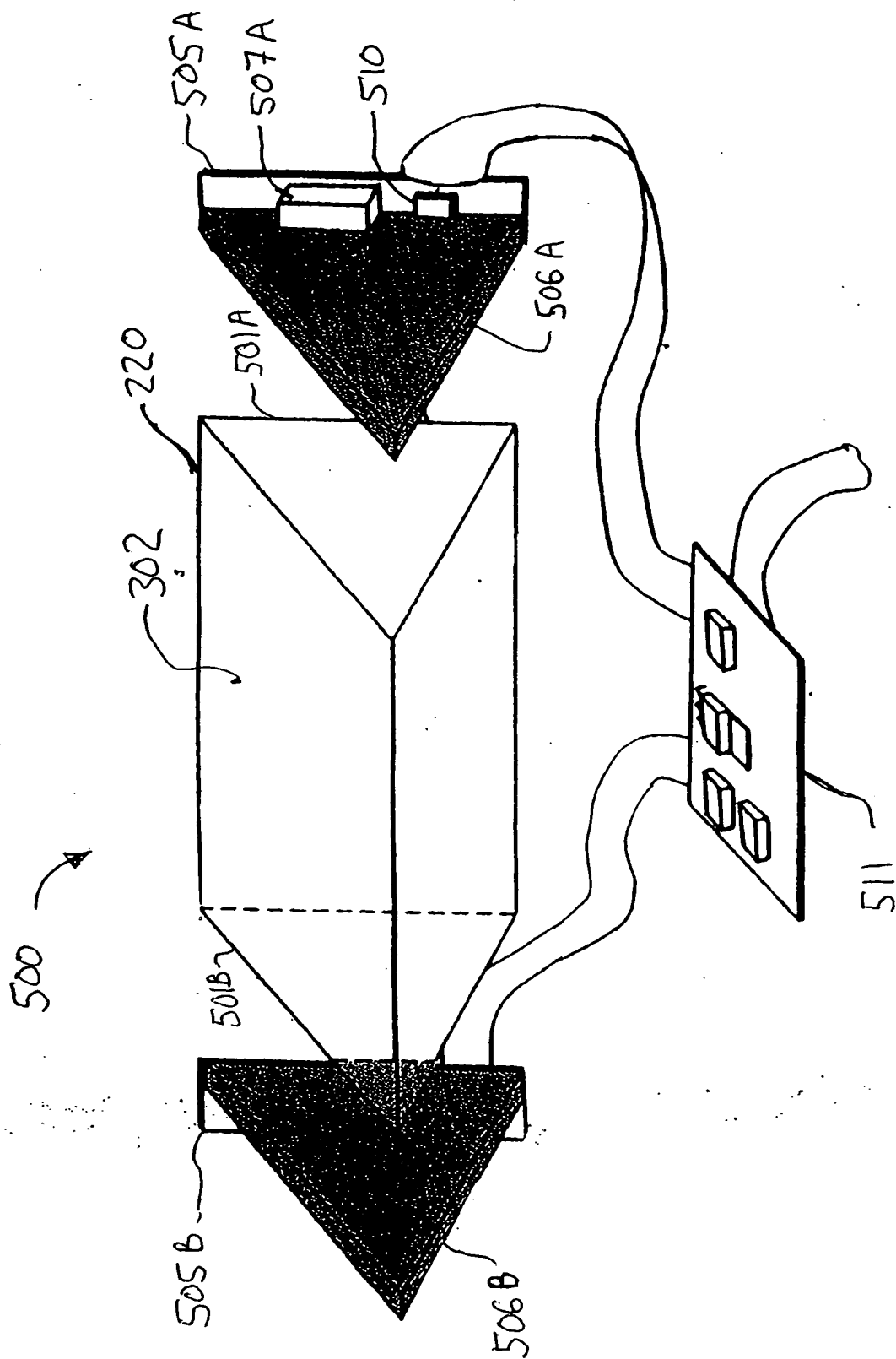


FIG. 5

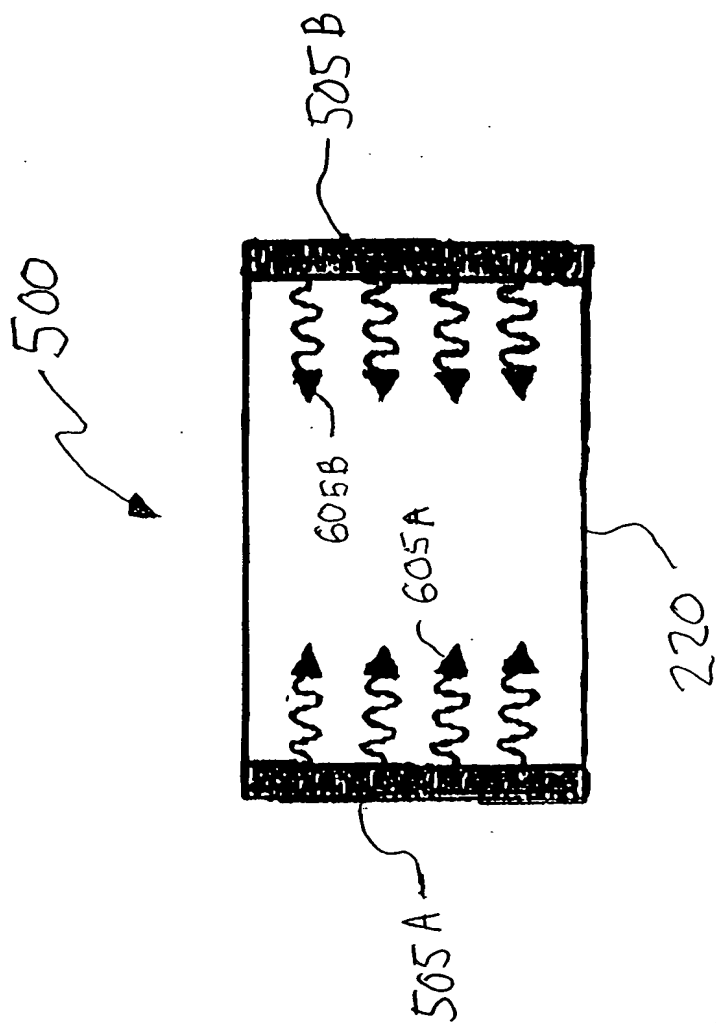


FIG. 6

700



| STATE               | HEATER ASSEMBLY<br>T         | THERMOSTAT<br>CONTACTS<br>SWITCHES |     | POWER STATE<br>OF R1, R2 |
|---------------------|------------------------------|------------------------------------|-----|--------------------------|
|                     |                              | SW1                                | SW2 |                          |
| INITIAL             | $< 115.5^{\circ}\text{F}$    | OFF                                | OFF | FULL POWER               |
| FIRST<br>THRESHOLD  | $\geq 115.5^{\circ}\text{F}$ | ON                                 | OFF | HALF POWER               |
| SECOND<br>THRESHOLD | $\geq 121^{\circ}\text{F}$   | ON                                 | ON  | ZERO POWER               |

FIG. 8